

CENTRAL FILES NUMBER

44-8-375

2872

A-670

Date 8/23/44

Subject Summary of Map Samples

By D. J. Kendall

To K. E. Morgan

File

Those Eligible
To Read the
Attached

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2 J. E. Wright

Before reading this document, sign and date below

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ChemRisk Document No. 2872

This document has been approved for release
to the public by:

David R. Hamlin
Technical Information Officer
ORNL Site

7/1/98
Date

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August 25, 1944

K. Z. Morgan

Health-Physics

D. J. Rendell

On August 22, 1944, mud and water samples were collected at the hold-up pond, at various locations along White Oak Dam and at White Oak Dam site. The locations, where the mud and water samples were obtained, are shown on the attached sketch.

The sample marked #4 was collected adjacent to White Oak Dam and consisted of green scum that is formed and collects around the dam site.

SUMMARY OF MUD SAMPLES

Sample	Mo/g
# 1	18.2 x 10 ⁻⁵
2	5.4 x 10 ⁻⁵
3	11.2 x 10 ⁻⁵
4	30.0 x 10 ⁻⁴ (Green Scum)
5	28.4 x 10 ⁻⁵
6	51.4 x 10 ⁻⁵
7	22.7 x 10 ⁻⁵
8	56.0 x 10 ⁻³
10	12.5 x 10 ⁻³
12	3.66 x 10 ⁻³
13	10.6 x 10 ⁻³
14	3.96 x 10 ⁻³
15	27.2 x 10 ⁻³
16	20.2 x 10 ⁻³
17	1.5 x 10 ⁻⁵
18 *	6.03 x 10 ⁻³

CLASSIFICATION CANCELLED

DATE DEC 5 1963

For The Atomic Energy Commission

- * Sample #18 consisted primarily of white deposit.

Chief, Declassification Branch

SUMMARY OF WATER SAMPLES

Sample	c/m/cc
9	30
11	60
19	67
20	51
21	2

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DJR/er

Copies:

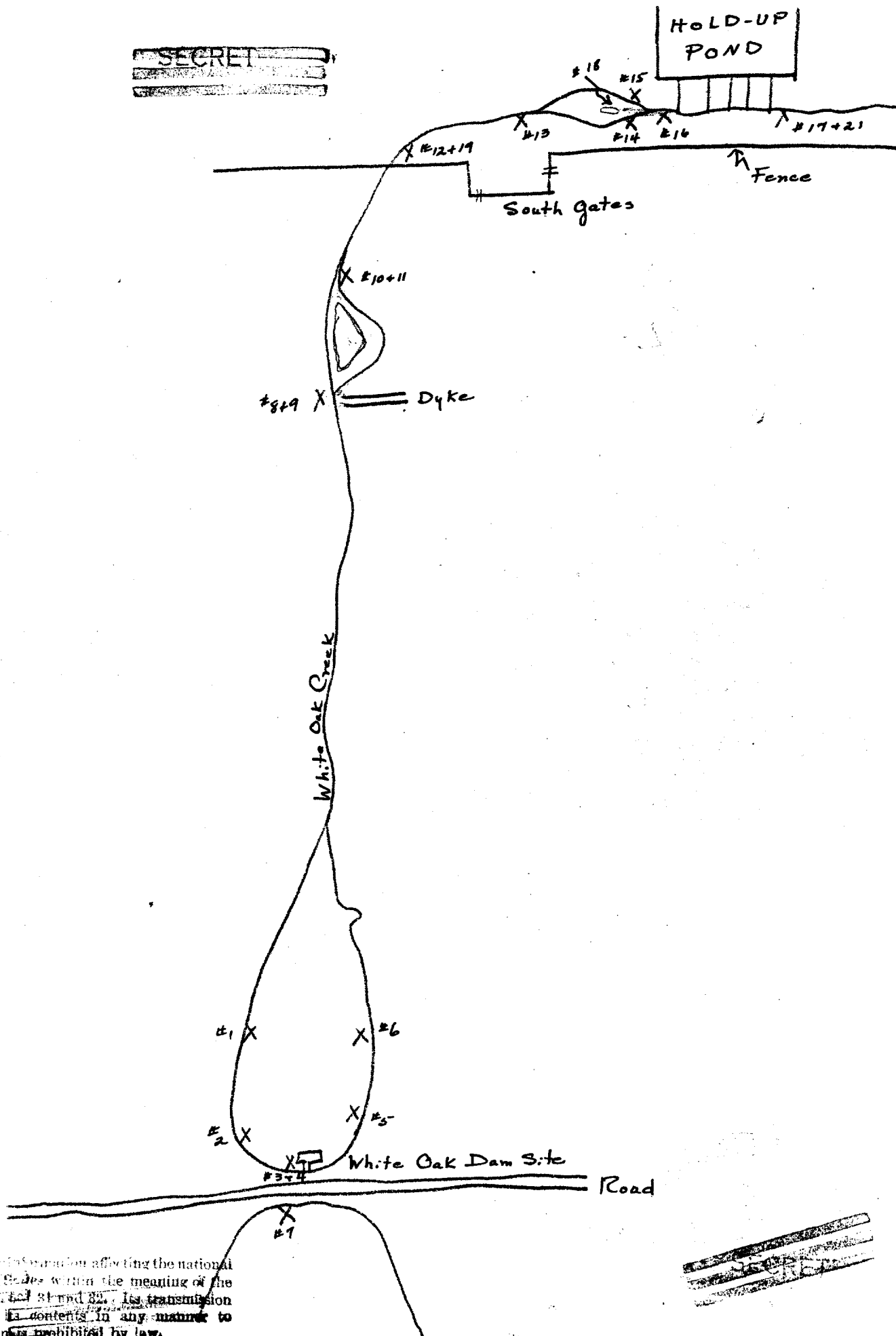
- 1 - K. Z. Morgan
- 2 - J. E. Wirth
- 3 - R. S. Stone

- 4. F. B. Vaughan
- 5. D. J. Rendell
- 6. Central File
- 7. Reading File

Attachment

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